

# Our Technology

DigitalOwl's Proprietary Technology

## How it works

Our platform stands on the cutting edge of innovation, fueled by a trio of cutting-edge technologies and specifically optimized for medical data review with a focus on Life Underwriting. Our system skillfully identifies critical impairments that influence mortality rates. This precision is the result of meticulous fine-tuning by a team comprising medical experts, underwriters, and claims adjusters, ensuring our solution's accuracy far surpasses that of open-source products.

### 1. Generative AI

Our cutting-edge, proprietary Generative AI model has been meticulously developed and optimized by our dedicated team, comprising data scientists, medical professionals, and insurance industry specialists, including life underwriters.

- Contextualize and comprehend vast medical records
- Transform raw data into meaningful and readable summaries
- Empower users to directly question medical records

### 2. Entity Recognition System

DigitalOwl's advanced Entity Recognition system combines machine learning algorithms and domain-specific knowledge for greater accuracy and rapid detection of critical information.

- Identify the most important information affecting mortality
- Interpret and classify data
- Learn continuously from vast datasets

### 3. Medical Knowledge Base

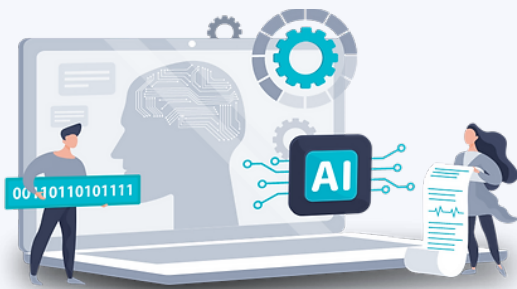
DigitalOwl's platform is bolstered by a vast and constantly expanding Medical Knowledge Base, curated by medical experts and industry professionals.

- Encompass a wide range of medical specialties
- Empower AI technology to make well-informed decisions
- Provide high level of insurance medical context

# Stepping boldly, but responsibly into the future of AI

DigitalOwl is committed to bold, but responsible innovation. We uphold strict compliance to both HIPAA and SOC2 standards with our comprehensive privacy and compliance program.

-  Fully transparent products
-  Absence of hallucination
-  Click-to-evidence for easy verification of results
-  Prevents issues of discrimination
-  No “black box” issues
-  Avoids correlation-based decision-making



## Our Story

As a personal injury lawyer, DigitalOwl co-founder and CEO, Yuval Man, spent countless hours manually reviewing medical records to build strong cases for his clients. Together with his brother, Amit Man, who serves as co-founder and CTO, they saw an opportunity to leverage AI technology to revolutionize the way medical records are reviewed. Today, DigitalOwl is the leading AI-powered platform for insurance, claims and legal professionals to transform medical records into actionable insights.

## Our Partnership with RGA

DigitalOwl's collaboration with RGA is a strategic move — leveraging their comprehensive expertise and deep industry knowledge to significantly enhance and evolve our product offerings.

“DigitalOwl wasn't just about medical summaries or extracts for underwriters to consume, they were also bringing infrastructure for that data to be consumed later by machines in rules engines.”



**Rohal Chitten**  
Chief Underwriter  
AAA Life Insurance Company



**Access the full potential of your medical data today.**

Contact us to get started.

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